

# FLOW DIAGRAM

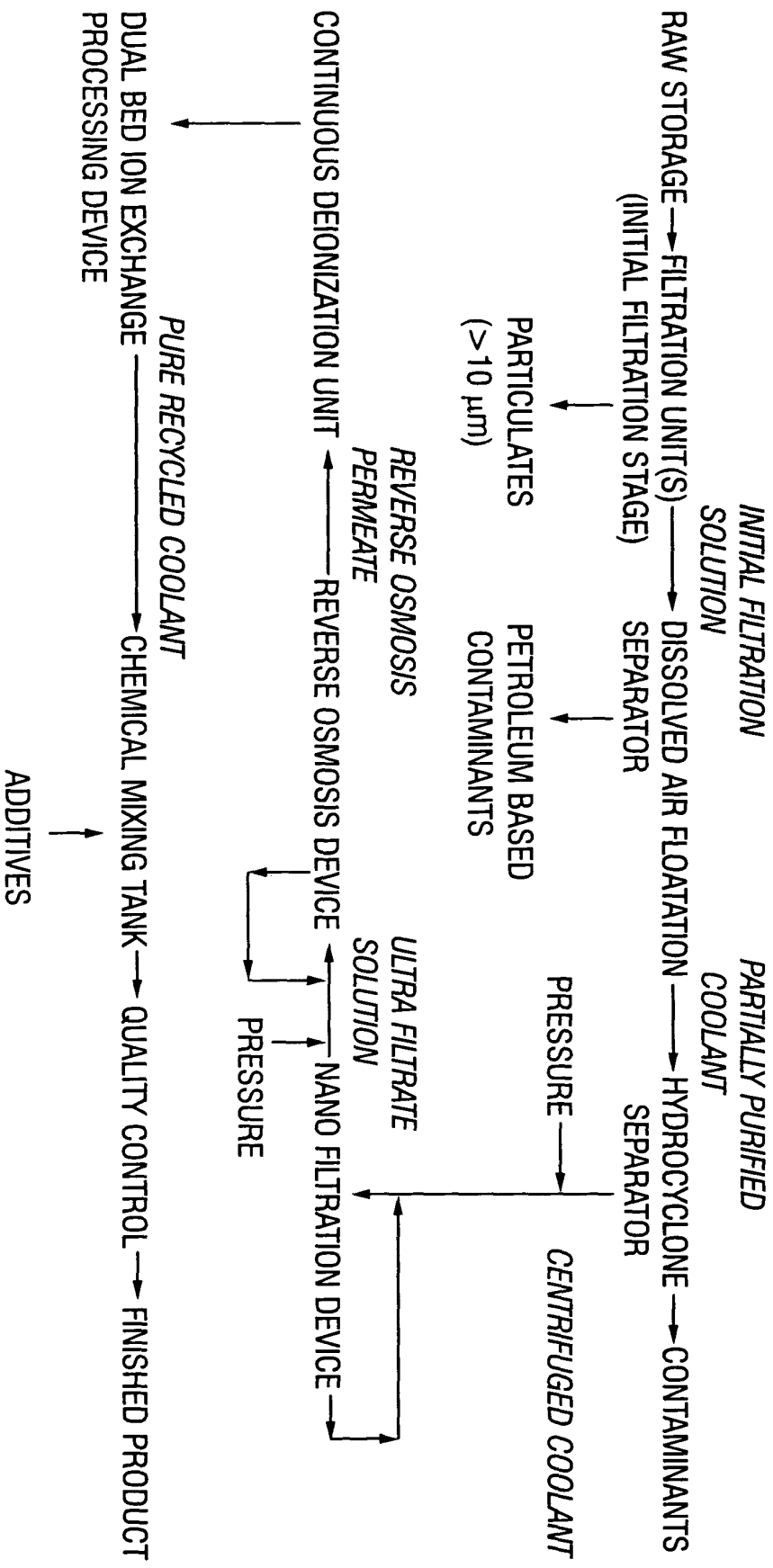
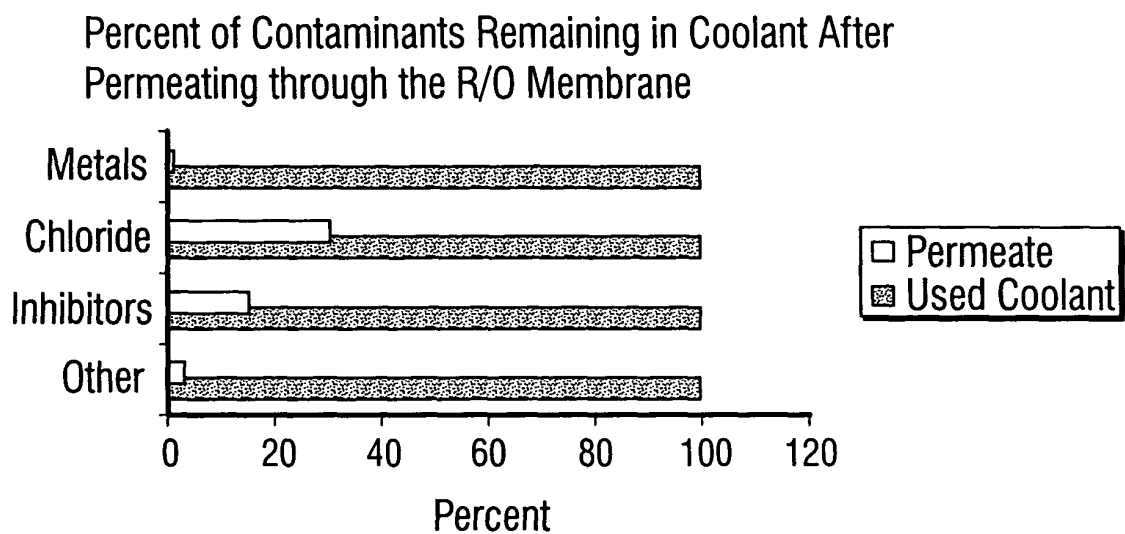
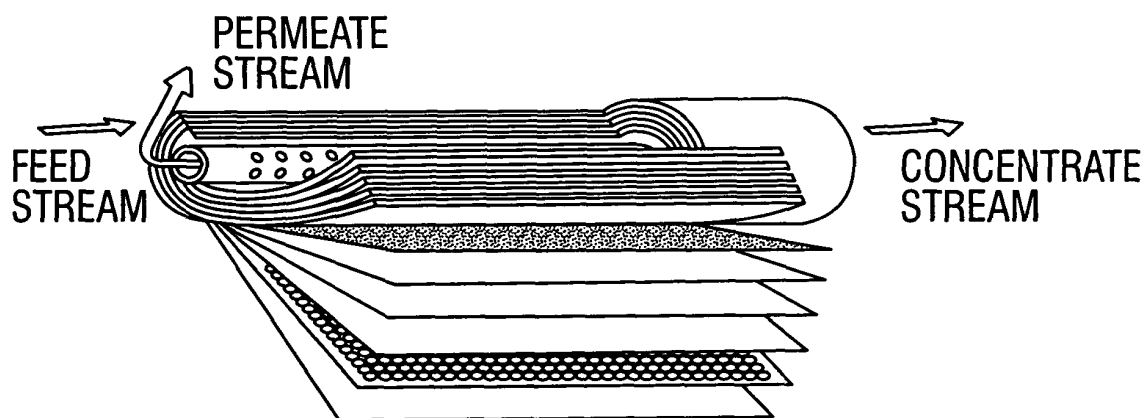


FIG. 1

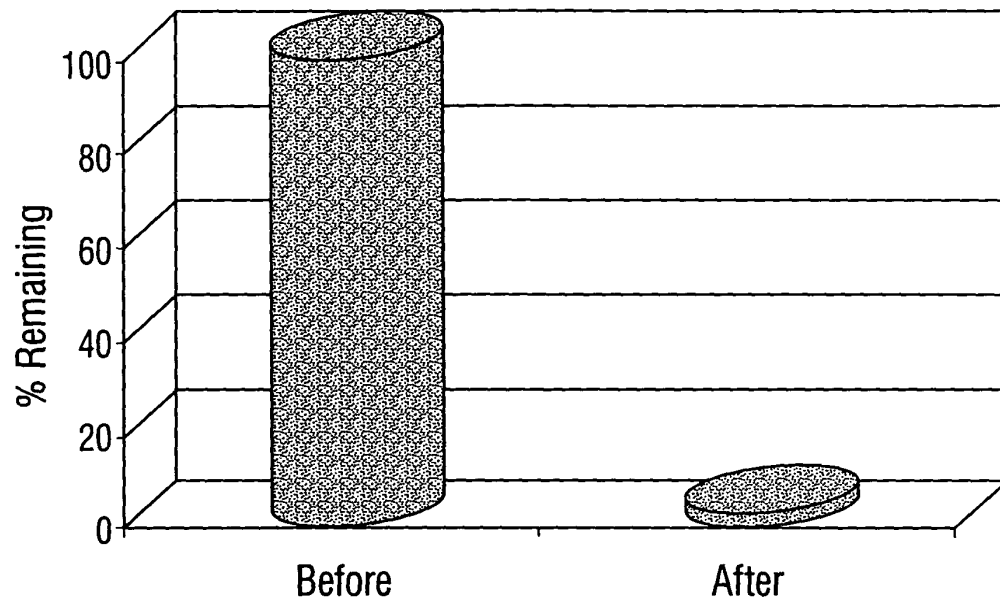


**FIG. 2**



**FIG. 3**

### Petroleum Removed by DAF



**FIG. 4**

Property	ASTM/TMC Specification	Virgin Pre-Diluted Coolant Data	Recycled Pre-Diluted Coolant Data
Color	Distinctive	Green	Green
Effect on non-metals	No adverse effect	No adverse effect	No adverse effect
Specific Gravity @ 15.5 C	1.110 to 1.145 EG 1.030 to 1.065 PG	1.040	1.040
Freeze Point C	50 vol. % in water: -37 max. EG, -32.2 max. PG	-37	-37
Boiling Point <sup>A</sup> . (C)	163 min. EG 151.7 min. PG	152	152
Effect on Auto-motive Finish	No Effect	No Effect	No Effect
Ash content, mass %	5.00% max.	0.5%	0.5%
pH: 50 vol% in distilled water:	7.5 to 11.0	10.4	10.4
Chloride, PPM	25.0 max.	21	10
Water, mass %	5 max.	50	50
Reverse Alkalinity, ml	Report	7.0	7.5
<b>Corrosion in Glassware D1384</b>			
Copper	10 max.	1	1
Solder	30 max.	8	7
Brass	10 max.	1	0

FIG. 5A

Steel			10 max.	0	0
Cast iron			10 max.	0	0
Aluminum			30 max.	0	0
<b>Simulated Service</b>					
		<b>D2570</b>			
Copper			20 max.	3	1
Solder			60 max.	15	10
Brass			20 max.	3	0
Steel			20 max.	1	1
Cast iron			20 max.	1	1
Aluminum			60 max.	3	2
<b>Corrosion of Cast</b>					
		<b>D4340<sup>A</sup></b>	1.00 max.	0.06	0.1
Aluminum					
Foaming					
<b>Volume, ml</b>	<b>D1881</b>		150 max. /5 max.	45 ml	50 ml
Break time, seconds				2.7 sec.	3.0 sec.

**FIG. 5B**